



EVA

The Expandable Vertical Array (EVA) series is a vertical line array with a unique, elegant system design that provides a simple solution for installed sound applications. EVA offers true line array performance and coherent far-field summing from the patented Hydra plane wave generator. The internal, hidden rigging not only looks great, but also makes EVA incredibly easy to install. The sophisticated internal crossover lets you power up to eight EVA full-range

modules (16 line array elements) from a single amplifier channel, eliminating the need for external crossovers or DSP. The four full-range modules in the series are complemented by two matching subwoofers that can be flown in the array. If you think that your budget isn't big enough for a great sounding line array, EVA may be just the answer you're looking for.

Features:

- High performance, cost-effective
- Ideal for fixed installation line arrays
- Two array elements in each module
- Two 8" low-distortion woofers
- Four 1.25" titanium diaphragm HF drivers
- Advanced Hydra plane wave generators
- Constant Directivity waveguide

- High sensitivity (104 dB) for high output
- Super efficient: drive up to 8 boxes from a single amp channel
- Sixth-order passive crossover with HF protection
- Integrated hidden suspension hardware
- Choice of three finishes: indoor, PI and FG
- EVADA (EVA Design Assistant) software tool

EVA-2082S 126



DUAL-ELEMENT
120° BY 6°
FULL-RANGE LINE-
ARRAY MODULE

EVA-2082S 1220



DUAL-ELEMENT
120° BY 20°
FULL-RANGE LINE-
ARRAY MODULE

EVA-2082S 906



DUAL-ELEMENT
90° BY 6° FULL-RANGE
LINE-ARRAY MODULE

EVA-2082S 920



DUAL-ELEMENT
90° BY 20° FULL-RANGE
LINE-ARRAY MODULE

EVA SUBWOOFERS

Features:

- High power, front loaded
- Ideal for fixed installations
- Seamless rigging with EVA line arrays
- DVX3159A woofer for low distortion at high SPL
- Steel-reinforced 13-ply birch enclosure

EVA-1151D

15" SUBWOOFER LINE ARRAY ELEMENT



- DVX3159A woofer for low distortion at high SPL
- 98 dB sensitivity (1 W/1 m half space)
- Power handling: 500 W continuous, 2000 W peak
- 125/131 dB maximum SPL (continuous/peak)
- Integrated hidden suspension hardware
- Splays of 0° or 5° between modules
- Choice of three finishes: EVCoat, PI and FG

EVA-2151D

DUAL 15" SUBWOOFER LINE ARRAY ELEMENT



- Two DVX3159A woofers for low distortion at high SPL
- 100 dB sensitivity (1 W/1 m half space)
- Power handling: 1000 W continuous, 4000 W peak
- 130/136 dB maximum SPL (continuous/peak)
- Choice of two finishes: EVCoat and PI (EVA-2151D not available in FG version)

See page 48-49 for EVA Rigging and Accessories.

	EVA-2082S 1220	EVA-2082S 126	EVA-2082S 906	EVA-2082S 920	EVA-1151D	EVA-2151D
Frequency Response (-3 dB)	60 Hz – 19 kHz				48–250 Hz (half space)	38–200 Hz (half space)
Recommended High-Pass Frequency	50 Hz				35 Hz, 24 dB per Octave BW	32 Hz, 24 dB per Octave BW (half space)
Sensitivity (SPL, 1 W/1 m)	104 dB (3 module array)				98 dB, Arithmetic average, 55–100 Hz (half space)	100 dB, Arithmetic average, 55–100 Hz (half space)
Max. SPL @ 1 m (calc.)	135 dB				131 dB (half space)	130/133/136 dB (half space)
System Power Handling (Continuous, Program, Peak)	350, 700, 1400 W				500 W, 1000 W, 2000 W	1000 W, 2000 W, 4000 W
Nominal Impedance (Passive)	16 Ω				8 Ω	4 Ω
Input Connections	Euroblock					
Frequency Range (-10 dB)	45 Hz – 20 kHz				35–250 Hz (half space)	28–200 Hz (half space)
Coverage (Nominal -6 dB) H°	120°	120°	90°	90°	Omnidirectional	Omnidirectional
Coverage (Nominal -6 dB) V°	20°	6°	6°	20°	Omnidirectional	Omnidirectional
LF Transducer	Two 8" EVS2008 drivers				DVX3159A	Two DVX3159A
HF Transducer	Four 1.25" DH2005 diaphragm compression driver				None	None
Crossover Frequency	1,740 Hz				100 Hz active	100 Hz active
Minimum Impedance	12 Ω				5.8 Ω	2.8 Ω
Enclosure Material	Birch plywood					
Grille	16 ga Galvanneal, powder-coated; PI Version: stainless steel with hydrophobic cloth					
Suspension	EVA grid (sold separately)					
Dimensions (H x W x D)	20.17" x 23.5" x 14.53" (512.2 x 596.9 x 369.1 mm)	20.25" x 23.5" x 14.1" (514.4 x 596.9 x 358.2 mm)	20.25" x 23.5" x 14.1" (514.4 x 596.9 x 358.2 mm)	20.17" x 23.5" x 14.53" (512.2 x 596.9 x 369.1 mm)	23.5" x 23.5" x 18.16" (596.9 x 596.9 x 461.3 mm)	30.5" x 23.42" x 31.2" (930.4 x 597 x 792.5 mm)
Net Weight	81.0 lb (36.8 kg)	81.8 lb (37.1 kg)	81.8 lb (37.1 kg)	81.0 lb (36.8 kg)	89.1 lb (40.4 kg)	178 lb (80.8 kg)